



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4811-1
Job Sheet 195903



Part No: D4811-1

Job Qty: 8 pcs

Part Name: Pin, Quick Release



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/31/19

Job Tracking No:

Due Date: 7/2/19

Created By: Kimberley Guerin

Type: Stock

Description:

Note: DWG REV A IPP REV:A 13.05.21 AS PER DWG REV.A VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	8 pcs	7/2/19	7/2/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	8 pcs	7/2/19	7/2/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S189700



Part: D4811-1

Job No: 195903

Serial No/Batch: S189700

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 06/12/19

Plex 5/31/19 1:56 PM Dart.Guerin.Kimberley

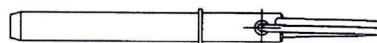
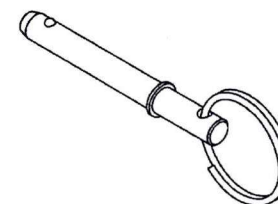
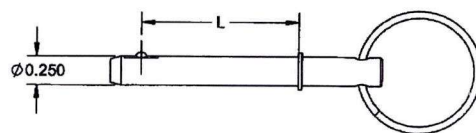
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120	QC 6	8 pcs	7/2/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
130	Packaging 3-1 - Stock - B4B	8 pcs	7/2/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
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					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
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					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
140	QC 21 - SA	8 pcs	7/2/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op **100** - (Purchasing) Issue P/O: _____ Possible Supplier: McMaster Carr Supplier p/n: 98470A133
 Descriptions: **110** - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached
120 - (QC6- All purchased or subcontracted products)
130 - (Identify as per dwg & Stock Location: _____)
140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
98470A133	Pin, Quick Release D4811-1	8 pcs (1 ea)	100-Purchasing	5189677
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	98470A133	8	0	0
Part Specifications				
Specifications could not be found.				

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SPECIFICATION CONTROL DRAWING



DART PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	L	MATERIAL
D4811-1	QUICK RELEASE PIN	MCMaster CARR	98470A133	1.347	18-8 SS

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 METHOD 6.7
- 7) WEIGHT: N/A

RELEASED
2013-05-16

A	NEW ISSUE	DB	13.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB	DRAWING NO.	REV. A
CHECKED	A.P.	D4811	SHEET 1 OF 1
MFG. APPR.	u	TITLE	SCALE
APPROVED	mp	QUICK RELEASE PIN	NTS
DE APPR.		COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	13.04.01		

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043663



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043663

PO Date: 6/6/19

Due Date: 6/11/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

E-MAILED
2019-06-06

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		188-FSCS-832-5/8	92210A196 100/pk	Clock Spring Cover Screw	Firmed	-	6/11/19	200 Ea	0 Ea	200 Ea	\$0.0585/Ea	\$11.70
2		2044T45	1/pk	Tube, Plastic .79" Id X 4'	Firmed	-	6/11/19	1 Ea	0 Ea	1 Ea	\$2.03/Ea	\$2.03
3		2044T65	50/pk	End Cap, Red Rnd .79" I.D.	Firmed	-	6/11/19	50 Ea	0 Ea	50 Ea	\$0.23/Ea	\$11.50
4		51495K116	1/pk	COUPLING 1/2" NCKL PLTD BRASS	Firmed	-	6/11/19	60 Ea	0 Ea	60 Ea	\$7.78/Ea	\$466.80
5		3495T41	1/pk	Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 9/16" Rope Diameter	Firmed	-	6/11/19	4 Ea	0 Ea	4 Ea	\$14.12/Ea	\$56.48
6		3495T42	1/pk	Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 7/8" Rope Diameter	Firmed	-	6/11/19	4 Ea	0 Ea	4 Ea	\$42.18/Ea	\$168.72



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Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7		3495T49	1/pk	Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 3/4" Rope Diameter	Firmed	-	6/11/19	6 Ea	0 Ea	6 Ea	\$35.90/Ea	\$215.40
8		3495T51	1/pk	Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 5/8" Rope Diameter	Firmed	-	6/11/19	4 Ea	0 Ea	4 Ea	\$15.90/Ea	\$63.60
9		87975K55	75 ft roll	Nylon Fabric Strip, Black, 1" Wide x 75 Feet Long, 0.02" Thick	Firmed	-	6/11/19	75 ft	0 ft	75 ft	\$0.2781333/ft	\$20.86
10		92562A358	1/pk	Cad Plated Steel Socket Head Screw 3/8"-16 X 2" Long	Firmed	-	6/11/19	10 Ea	0 Ea	10 Ea	\$21.00/Ea	\$210.00
11		92620A750	1/pk	Hex Head Cap Screw 1/2-20 UNF x 3 receive ea	Firmed	-	6/11/19	4 Ea	0 Ea	4 Ea	\$5.39/Ea	\$21.56
12		9263K642	10/pk	O-Ring receive ea	Firmed	-	6/11/19	10 Ea	0 Ea	10 Ea	\$0.574/Ea	\$5.74
13	195903	98470A133		Pin, Quick Release D4811-1	Firmed	-	6/11/19	8 pcs	0 pcs	8 pcs	\$3.01/pcs	\$24.08
14		C45-15-5	97135A255 10/PK	Nut, Cage Bolt	Firmed	-	6/11/19	10 Ea	0 Ea	10 Ea	\$0.458/Ea	\$4.58
15		C45-18-7	3088A412 10/PK	Shim	Firmed	-	6/11/19	20 Ea	0 Ea	20 Ea	\$0.385/Ea	\$7.70
16	196090	6605K56	5/pk	Hook And Loop Tie D3551-11	Firmed	-	6/11/19	10 pcs	0 pcs	10 pcs	\$3.09/pcs	\$30.90
Grand Total:											\$1,321.65	



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PURCHASE ORDER

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Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/6/19 1:26 PM Dart.Guerin.Kimberley

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: N/A

Purchase Order
POHB043663
Order Placed By
Kimberley Guerin
McMaster-Carr Number
5492037-02

Page 1 of 1
06/06/2019

Line	Product	Ordered	Shipped
1	92210A196 18-8 Stainless Steel Hex Drive Flat Head Screw, 8-32 Thread Size, 5/8" Long, Packs of 100	2 Packs	2
3	2044T65 End Caps for 0.79" ID Round Cut-to-Length Shipping Tube, Packs of 50	1 Pack	1
4	51495K116 Nickel-Plated Brass Push-to-Connect Tube Fitting for Air, Straight Connector, for 1/2" Tube OD	60 Each	60
8	3495T51 Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 5/8" Rope Diameter	4 Each	4
9	87975K55 Nylon Fabric Strip, Black, 1" Wide x 75 Feet Long, 0.02" Thick	1 Each	1
11	92620A750 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/2"-20 Thread Size, 3" Long, Fully Threaded, Packs of 1	4 Packs	4
12	9263K642 Chemical-Resistant Viton Fluoroelastomer O-Ring, 1.9 mm Wide, 7.8 mm ID, Packs of 10	1 Pack	1
13	98470A133 Shoulder-Style Ring-Grip Quick-Release Pin, 18-8 Stainless Steel, 1/4" Diameter, 1-5/16" Usable Length	8 Each	8
14	97135A255 High-Strength Steel Nylon-Insert Locknut, Grade 8, Zinc Yellow-Chromate Plated, 1/2"-20 Thread Size, Packs of 10	1 Pack	1
15	3088A412 Low-Carbon Steel Round Shim, 0.025" Thick, 1/2" ID, Packs of 10	2 Packs	2
16	6605K56 Hook and Loop Cable Ties, Flame-Retardant, 24" Long, Packs of 5	2 Packs	2

Shipped separately from our Chicago warehouse on 06/06

5	3495T41 Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 9/16" Rope Diameter	4 Each	4
6	3495T42 Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 7/8" Rope Diameter	4 Each	4
7	3495T49 Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 3/4" Rope Diameter	6 Each	6
10	92562A358 Mil. Spec. Alloy Steel Socket Head Screw, 3/8"-16 Thread Size, 2" Long	10 Each	10

RECEIVED

JUN 07 2019

DART AEROSPACE LTD.